

Mann-Kendall Trend Test Analysis

User Selected Options

Date/Time of Computation	ProUCL 5.2 1/3/2025 8:56:49 AM
From File	FYNOP ProUCL Data Group B 1-2-25.xls
Full Precision	OFF
Confidence Coefficient	0.8
Level of Significance	0.2

MW-101D PCE

General Statistics

Number of Events Reported (m)	14
Number of Missing Events	0
Number or Reported Events Used	14
Number Values Reported (n)	14
Minimum	3.1
Maximum	5.6
Mean	3.964
Geometric Mean	3.919
Median	3.9
Standard Deviation	0.645
Coefficient of Variation	0.163

Mann-Kendall Test

M-K Test Value (S)	-18
Tabulated p-value	0.165
Standard Deviation of S	18.04
Standardized Value of S	-0.943
Approximate p-value	0.173

Statistically significant evidence of a decreasing trend at the specified level of significance.